

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/664,225

DATE: 01/24/2001

TIME: 14:37:46

Input Set : A:\ES.txt

Output Set: N:\CRF3\01242001\I664225.raw

**ENTERED**

4 <110> APPLICANT: Hedley, Mary Lynne  
5 Urban, Robert G.  
6 Chicz, Roman M.  
8 <120> TITLE OF INVENTION: NUCLEIC ACIDS ENCODING POLYPEPTIDES  
10 <130> FILE REFERENCE: 08191-013001  
12 <140> CURRENT APPLICATION NUMBER: US 09/664,225  
C--> 13 <141> CURRENT FILING DATE: 2000-08-18  
15 <150> PRIOR APPLICATION NUMBER: US 60/169,846  
16 <151> PRIOR FILING DATE: 1999-12-09  
18 <150> PRIOR APPLICATION NUMBER: US 60/154,665  
19 <151> PRIOR FILING DATE: 1999-09-16  
21 <160> NUMBER OF SEQ ID NOS: 163  
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
25 <210> SEQ ID NO: 1  
26 <211> LENGTH: 9  
27 <212> TYPE: PRT  
28 <213> ORGANISM: Homo sapiens  
30 <400> SEQUENCE: 1  
31 Ala Ala Arg Ala Val Phe Leu Ala Leu  
32 1 5  
34 <210> SEQ ID NO: 2  
35 <211> LENGTH: 8  
36 <212> TYPE: PRT  
37 <213> ORGANISM: Homo sapiens  
39 <400> SEQUENCE: 2  
40 Tyr Arg Pro Arg Pro Arg Arg Tyr  
41 1 5  
43 <210> SEQ ID NO: 3  
44 <211> LENGTH: 9  
45 <212> TYPE: PRT  
46 <213> ORGANISM: Homo sapiens  
48 <400> SEQUENCE: 3  
49 Glu Ala Asp Pro Thr Gly His Ser Tyr  
50 1 5  
52 <210> SEQ ID NO: 4  
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54 <212> TYPE: PRT  
55 <213> ORGANISM: Homo sapiens  
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58 Ser Ala Tyr Gly Glu Pro Arg Lys Leu  
59 1 5  
61 <210> SEQ ID NO: 5  
62 <211> LENGTH: 9  
63 <212> TYPE: PRT  
64 <213> ORGANISM: Homo sapiens  
66 <400> SEQUENCE: 5  
67 Glu Val Asp Pro Ile Gly His Leu Tyr

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68      1              5
70 <210> SEQ ID NO: 6
71 <211> LENGTH: 9
72 <212> TYPE: PRT
73 <213> ORGANISM: Homo sapiens
75 <400> SEQUENCE: 6
76 Phe Leu Trp Gly Pro Arg Ala Leu Val
77      1              5
79 <210> SEQ ID NO: 7
80 <211> LENGTH: 7
81 <212> TYPE: PRT
82 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 7
85 Gly Ile Gly Ile Leu Thr Val
86      1              5
88 <210> SEQ ID NO: 8
89 <211> LENGTH: 8
90 <212> TYPE: PRT
91 <213> ORGANISM: Homo sapiens
93 <400> SEQUENCE: 8
94 Ile Leu Thr Val Ile Leu Gly Val
95      1              5
97 <210> SEQ ID NO: 9
98 <211> LENGTH: 9
99 <212> TYPE: PRT
100 <213> ORGANISM: Homo sapiens
102 <400> SEQUENCE: 9
103 Ser Thr Ala Pro Pro Ala His Gly Val
104      1              5
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107 <211> LENGTH: 9
108 <212> TYPE: PRT
109 <213> ORGANISM: Homo sapiens
111 <400> SEQUENCE: 10
112 Glu Glu Lys Leu Ile Val Val Leu Phe
113      1              5
115 <210> SEQ ID NO: 11
116 <211> LENGTH: 9
117 <212> TYPE: PRT
118 <213> ORGANISM: Homo sapiens
120 <400> SEQUENCE: 11
121 Met Leu Leu Ala Val Leu Tyr Cys Leu
122      1              5
124 <210> SEQ ID NO: 12
125 <211> LENGTH: 9
126 <212> TYPE: PRT
127 <213> ORGANISM: Homo sapiens
129 <400> SEQUENCE: 12
130 Ser Glu Ile Trp Arg Asp Ile Asp Phe
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133 <210> SEQ ID NO: 13
134 <211> LENGTH: 9
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139 Ala Phe Leu Pro Trp His Arg Leu Phe
140 1 5
142 <210> SEQ ID NO: 14
143 <211> LENGTH: 9
144 <212> TYPE: PRT
145 <213> ORGANISM: Homo sapiens
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148 Tyr Met Asn Gly Thr Met Ser Gln Val
149 1 5
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152 <211> LENGTH: 9
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 15
157 Lys Thr Trp Gly Gln Tyr Trp Gln Val
158 1 5
160 <210> SEQ ID NO: 16
161 <211> LENGTH: 9
162 <212> TYPE: PRT
163 <213> ORGANISM: Homo sapiens
165 <400> SEQUENCE: 16
166 Ile Thr Asp Gln Val Pro Phe Ser Val
167 1 5
169 <210> SEQ ID NO: 17
170 <211> LENGTH: 9
171 <212> TYPE: PRT
172 <213> ORGANISM: Homo sapiens
174 <400> SEQUENCE: 17
175 Tyr Leu Glu Pro Gly Pro Thr Val Ala
176 1 5
178 <210> SEQ ID NO: 18
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183 <400> SEQUENCE: 18
184 Leu Leu Asp Gly Thr Ala Thr Leu Arg Leu
185 1 5 10
187 <210> SEQ ID NO: 19
188 <211> LENGTH: 10
189 <212> TYPE: PRT
190 <213> ORGANISM: Homo sapiens
192 <400> SEQUENCE: 19
193 Glu Leu Asn Glu Ala Leu Glu Leu Glu Lys
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206 <211> LENGTH: 11
207 <212> TYPE: PRT
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 21
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215 <211> LENGTH: 9
216 <212> TYPE: PRT
217 <213> ORGANISM: Homo sapiens
219 <400> SEQUENCE: 22
220 Leu Leu Gly Arg Asn Ser Phe Glu Val
221   1           5
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224 <211> LENGTH: 9
225 <212> TYPE: PRT
226 <213> ORGANISM: Homo sapiens
228 <400> SEQUENCE: 23
229 Arg Met Pro Glu Ala Ala Pro Pro Val
230   1           5
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233 <211> LENGTH: 9
234 <212> TYPE: PRT
235 <213> ORGANISM: Homo sapiens
237 <400> SEQUENCE: 24
238 Lys Ile Phe Gly Ser Leu Ala Phe Leu
239   1           5
241 <210> SEQ ID NO: 25
242 <211> LENGTH: 9
243 <212> TYPE: PRT
244 <213> ORGANISM: Homo sapiens
246 <400> SEQUENCE: 25
247 Ile Ile Ser Ala Val Val Gly Ile Leu
248   1           5
250 <210> SEQ ID NO: 26
251 <211> LENGTH: 9
252 <212> TYPE: PRT
253 <213> ORGANISM: Homo sapiens
255 <400> SEQUENCE: 26
256 Cys Leu Thr Ser Thr Val Gln Leu Val

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257   1           5
259 <210> SEQ ID NO: 27
260 <211> LENGTH: 8
261 <212> TYPE: PRT
262 <213> ORGANISM: Homo sapiens
264 <400> SEQUENCE: 27
265 Tyr Leu Glu Asp Val Arg Leu Val
266   1           5
268 <210> SEQ ID NO: 28
269 <211> LENGTH: 9
270 <212> TYPE: PRT
271 <213> ORGANISM: Homo sapiens
273 <400> SEQUENCE: 28
274 Val Leu Val Lys Ser Pro His Asn Val
275   1           5
277 <210> SEQ ID NO: 29
278 <211> LENGTH: 12
279 <212> TYPE: PRT
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283 Arg Phe Arg Glu Leu Val Ser Glu Phe Ser Arg Met
284   1           5           10
286 <210> SEQ ID NO: 30
287 <211> LENGTH: 10
288 <212> TYPE: PRT
289 <213> ORGANISM: Homo sapiens
291 <400> SEQUENCE: 30
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293   1           5           10
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296 <211> LENGTH: 9
297 <212> TYPE: PRT
298 <213> ORGANISM: Homo sapiens
300 <400> SEQUENCE: 31
301 Asp Leu Pro Thr Gln Glu Pro Ala Leu
302   1           5
304 <210> SEQ ID NO: 32
305 <211> LENGTH: 6
306 <212> TYPE: PRT
307 <213> ORGANISM: Homo sapiens
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310 Lys Leu Gln Cys Val Asp
311   1           5
313 <210> SEQ ID NO: 33
314 <211> LENGTH: 10
315 <212> TYPE: PRT
316 <213> ORGANISM: Homo sapiens
318 <400> SEQUENCE: 33
319 Val Leu Val Ala Ser Arg Gly Arg Ala Val

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VERIFICATION SUMMARY

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date